

3/20/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
PO039131	THY001-VC	5	1	Net 30	M6061T6B1.500X02.500	6061-T6 Bar 1.50 X 2.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				60	3/8/2018	60		S052919	Stock	3/20/2018	\$ 11.03 / ft
Total:										60		60					

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2/26/2018

## PURCHASE ORDER



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO039131

**Supplier:** THY001-VC  
Thyssenkrupp Materials CA Ltd  
O/A VPK Metal- c/o T27540  
PO Box 4275, Postal "A"  
Toronto  
ON  
M5W 5V8 Canada  
Phone: 905 669 9444  
Fax: 905 738 9033

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

PO No: PO039131

PO Date: 2/26/18

Due Date: 3/2/18

Purchase Order

Revision:

Revision Date:

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: QUOTE NO: 1203013512

**E-MAILED**  
FEB 27 2018

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B0.500X12.000		6061-T6 Bar .500 X 12.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$17.64/ft	\$423.36
						24				
									MAR 02 2018	
2	M6061T6B0.500X05.000		6061-T6 Bar .500 X 5.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$7.35/ft	\$176.40
						24				
									MAR 02 2018	
3	M6061T6B1.000X1.000		6061T6 Bar 1.000 X 1.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$2.94/ft	\$70.56
						24				
									MAR 02 2018	

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## PURCHASE ORDER

2/26/2018

			Items		Due	Order	Received	Balance	Unit	Extended
Line	Part	Supplier	Description	Status	Date	Quantity	Quantity		Price (CAD)	Price
Item		Part No								
4	M6061T6B1.000X02.000		6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$5.88/ft	\$141.12
						24'				MAR 02 2018
5	M6061T6B1.500X02.500		6061-T6 Bar 1.50 X 2.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	60 ft	0 ft	60 ft	\$11.03/ft	\$661.80
						60'				DAS 11 9-89 MAR 20 2018
6	M6061T6B2.250X2.250		6061T6 Bar 2.250 X 2.250 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$17.86/ft	\$214.32
						12'				DAS 11 9-89 MAR 06 2018
7	M6061T6B1.000X16.000		6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$72.50/ft	\$870.00
						24'				DAS 11 9-89 MAR 05 2018
Line Item Note MAT'L 1.000" X 18.000" ACCEPTABLE										
8	M6061T6B0.750X06.000		6061T6 Bar .750 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	12 ft	0 ft	12 ft	\$13.23/ft	\$158.76
						12'				MAR 02 2018

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## PURCHASE ORDER

2/26/2018

Line Item	Part	Supplier Part No	Description	Items		Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	M6061T6B1.250X02.000		6061T6 Bar 1.250 X 2.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18			12 ft	0 ft	12 ft	\$7.35/ft	\$88.20
									12		MAR 02 2018	
10	M6061T6S.080		6061-T6 .080 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	3/2/18			96 sf	0 (sf)	96 sf	\$4.2334375/sf	\$406.41
									46		MAR 02 2018	
11	M6061T6S.3125		6061-T6 .3125 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Firmed	3/2/18			48.648 sf	0 (sf)	49 sf	\$11.012169/sf	\$535.72
									48		MAR 02 2018	
12	M304B0.750X1.500		304 Bar 0.750 X 1.500" : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/2/18			12 ft	0 ft	12 ft	\$12.78/ft	\$153.36
									12		MAR 05 2018	
Grand Total: \$3,900.01												

## Order Notes

Procurement Quality Clauses  
 A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)  
 A026 certification of material conformance  
 A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit

[www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

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## DELIVERY NOTE



DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7

DATE: 03/20/2018  
DOC. NO: 2405832775\*  
BOL. NO: 2405832775  
ORDER NO: 1403544606  
YOUR P/O: 39131  
CUSTOMER NO: 10058125  
Route: 303UA  
CONTACT: Stan Ivers  
TEL: 905-532-1350 ext 21350  
FAX: 905-738-9033 ext 9033  
EMAIL: STAN.IVERS@THYSSENKRUP  
P.COM

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO
0010	ALBEC00304	5 PC	1008405490
	6061 T6511 Aluminum Extruded Rectangular	268 lb	
	1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length		
	Nominal Chemistry/Act Physical		
	Standard Packaging		
TAGNUM	QTY	UOMVEND	VENDPO
PCS			HLOT
2001324316	5	PC	SERVICE C 5400389442 201803551
SAE AMS-QQ-A-200/8 1997;ROHS COMPLIANT;ASTM B 221 2014			

Total Gross Weight

275.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

## DELIVERY NOTE

DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7

DATE:	03/20/2018
DOC. NO:	2405832775*
BOL. NO:	2405832775
ORDER NO:	1403544606
YOUR P/O:	39131
CUSTOMER NO:	10058125
Route:	<b>303UA</b>
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUP P.COM

### CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

\*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

\*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176 B1.500x02.500  
 DATE: MAR 19 2018

PO / BATCH NO.: 039131/5052919

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 60'  
 QUANTITY INSPECTED: 60'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500  
 THICKNESS RECEIVED: 1.500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>As per B221</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>Heat # 201803551</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-8 MAR 19 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW.WWW |  
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES  
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.		BY	DATE
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	DS	HAMKESBURY, ONTARIO, CANADA	
CHECKED	ASS	DRAWING NO.	REV. B
MFG. APPR.		M6061T6B	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		6061-T6 BAR	NTS
DATE	09.07.13	COPYRIGHT © 2001 BY DART AEROSPACE LTD.	

**RELEASED**  
2009-08-03  
MVD





# Service Center Metals

5850 Quality Way  
Prince George, VA 23875

Can Do.

## CERTIFIED INSPECTION REPORT AND TEST RESULTS

### FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
944109	5

BILL TO ThyssenKrupp Materials NA	MANIFEST NUMBER 360181	DIE NUMBER MRB0657	DATE OF SHIPMENT 3/6/2018
SHIP TO ThyssenKrupp Materials NA-Concord, ON	CUSTOMER PO 5400389442	ALLOY / TEMPER 6061-T6511	SALESPERSON D. Schroeder (Canada)
Quantity Certified 3,204 lbs	CUSTOMER PART NUMBER ALREC00304	DESCRIPTION MQRB 1.500X2.500	CERTIFICATION ASTM-B221-14 StencilCont
			SPECIFICATION AMS-QQA-200/8 Rev-A obsolete
			RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant.

### Mechanical Properties

Tests Lot No.

3	201803551	2/27/18	min 48.70	max 50.80	min 45.30	max 47.50	min 15.10	max 17.00
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### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	II	AL	Others	Each	Total	Melt Source:
02041801	201803551	6061	0.77	0.36	0.33	0.10	0.88	0.10	0.05	0.02	97.39	0.05	0.15		United States of America
02201801	201803551	6061	0.71	0.36	0.30	0.09	0.89	0.09	0.11	0.02	97.43	0.05	0.15		United States of America

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 3/6/2018

Rev 7/2017

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 268 LB

Del.: 2405832775

CstOr 39131

Date 03/19/2018

*Tomas Sanchez*